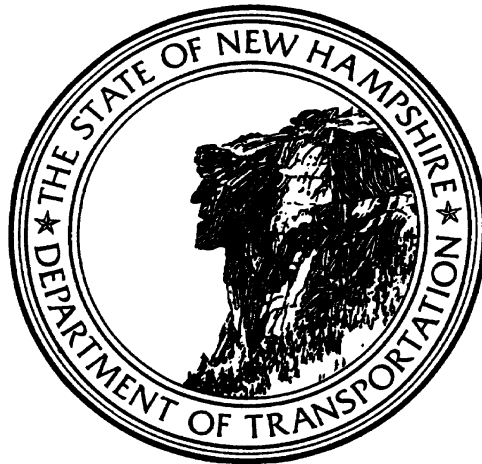


**NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION**



**ANNUAL REPORT
FOR
FISCAL YEAR 2001**

**NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
2001 ANNUAL REPORT
Fiscal Year Ended June 30**



The new Smith Millennium Covered Bridge over the Baker River in Plymouth was welcomed by the community with a daylong ceremony on June 8, 2001.

December 19, 2001

**Carol A. Murray
Commissioner**

**Gilbert S. Rogers
Assistant Commissioner**

Pursuant to RSA 20:6 & 228:41



Governor Jeanne Shaheen

Executive Councilors

Raymond S. Burton
District 1

Peter J. Spaulding
District 2

Ruth L. Griffin
District 3

Thomas P. Colantuono
District 4

David K. Wheeler
District 5



Carol A. Murray
COMMISSIONER

THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



Gilbert S. Rogers
ASSISTANT COMMISSIONER

December 19, 2001

Her Excellency Governor Jeanne Shaheen and the Honorable Council:

The past fiscal year was one of transition and continued progress at this agency, as reflected by a change in leadership in the Commissioner's Office and the near completion of the \$6.5 million rehabilitation of the NHDOT headquarters in Concord.

A transportation milestone was reached with the completion of the \$190 million widening of NH Route 101 between Epping and the Seacoast. For the first time ever, motorists traveling east-west in New Hampshire can enjoy driving on a safer divided highway between Interstate 93 and Interstate 95. Construction continued on the Hillsborough Bypass, which when completed in 2002 will greatly improve east-west travel between Concord and Keene.

Significant efforts were also focused towards improving other modes of transportation. Construction of passenger rail stations in Dover, Durham and Exeter helped preparations for the start-up of the Portland to Boston *Downeaster* in December 2001. Planning and preliminary engineering also continued for the planned extension of commuter rail from Lowell, Massachusetts to Nashua. A total of nine commuter coaches were purchased for private bus company service between New Hampshire and Boston along the I-93 and I-95 corridors. Assistance was also given to improve and expand public transit services in Keene, Concord and the Hanover-Lebanon areas. Significant shoulder widening and improvements continued to improve bicycle travel options.

In the Operations Division, our maintenance forces responded admirably to the most challenging winter in recent years. The Turnpikes Bureau processed another record year of traffic, with more than 103 million vehicles passing through the Turnpike System.

The Aeronautics Division helped oversee the planning and construction of a regional Aircraft Rescue and Fire Fighting training facility in Concord.

Internally, Human Resources implemented safety training for employees with an aggressive program for training employees in 19 different subject areas. The hiring and retention of qualified technicians and engineers remains a major challenge and priority within the agency.

The Department continues its participation, along with 13 other agencies across the country, in the United States EPA-sponsored pilot program to bring Environmental Management Systems that comply with the ISO 14001 standard to public sector entities.

The hiring of the NHDOT's first webmaster and the subsequent significant improvement of the Department's Internet website marks a significant advancement in our ability to provide timely and important transportation-related information to our residents and visitors.

Noting these and other successes and looking ahead to future challenges, we are pleased to submit to you the New Hampshire Department of Transportation Annual Report for FY 2001.

Sincerely,

Carol A. Murray
Commissioner

Gilbert S. Rogers
Assistant Commissioner

**THE NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
ORGANIZATIONAL CHART**



**COMMISSIONER
Carol A. Murray
271-3734**

Audit
Douglas W. Rowden
271-1557
Hearings Examiner
Paul Sanderson
271-3734

**ASSISTANT COMMISSIONER
Gilbert S. Rogers
271-3734**

Human Resources
Fran Buczynski 271-3460
Labor Compliance
David Chandler 271-6754
Health and Safety
Richard Kretovich 271-2467
Public Information
William H. Boynton 271-6495

ADMINISTRATION	AERONAUTICS	OPERATIONS	PUBLIC WKS./ TRANSPORT.	PROJECT DEVELOPMENT
W. Douglas Scamman, Jr. 271-3735	Jack Ferns 271-1676	Lyle "Butch" Knowlton 271-3736 Assistant Director Kenneth T. Kyle 271-7419	James Marshall 271-3736	Robert W. Greer 271-3735 Assistant Director Jeff Brillhart 271-1695

Finance & Contracts Herman G. Martin 271-3466	Bridge Maintenance Edward Welch 271-3667	District 1 - Lancaster Greg Placy 788-4641	Public Works Matthew Moore 271-3516	Bridge Design Mark Richardson 271-2731	Materials & Research Alan D. Rawson 271-3151
Information Technology Services David Barker 271-3281	Highway Maintenance Stephen W. Gray 271-2693	District 2 - Lebanon Alan G. Hanscom 448-2654	Railroads & Public Transportation Christopher Morgan 271-2468	Construction Jesse Dennis 271-2571	Municipal Highways Robert Barry 271-2107
	Mechanical Services Thomas B. Jelley 271-3721	District 3 - Gilford Mark P. Morrill 524-6667		Environment William Hauser 271-3226	Project Management William Cass 271-2171
	Traffic William Lambert 271-2291	District 4 - Keene Douglas J. Graham 352-2302		Highway Design Craig Green 271-2171	Right-of-Way James Moore 271-3222
	Turnpikes Harvey Goodwin 485-3806	District 5 - Hooksett Hiram Morrill 485-9526			Transportation Planning Ansel N. Sanborn 271-3344
		District 6 - Durham Michael J. Burlage 868-1133			

INTRODUCTION

The New Hampshire Department of Public Works and Highways was established in 1950 under Part 9 of Chapter 5 of the New Hampshire Laws of 1950. This legislation added the Public Works Division to the Highway Department, which was established under Chapter 103 of the New Hampshire Laws of 1915. From 1905 to 1915, the responsibility for highways and bridges was vested with the State Engineer.

The Department of Public Works and Highways was reorganized under Chapter 402 of the laws of 1985 (RSA:21-L) as the Department of Transportation on February 18, 1986, which added the Transportation Division of the Public Utilities Commission (the Bureaus of Rail Safety and Common Carriers) and the Aeronautics Commission. The Bureau of Common Carriers has since been transferred to the Department of Safety.

RSA:21-L assigned the Department of Transportation, through its officials, the responsibility for the following general functions:

**Planning, developing, and maintaining a state transportation network which will provide for safe and convenient movement of people and goods throughout the state by means of a system of highways and railroads, air service, mass transit and other practicable modes of transportation in order to support state growth and economic development and promote the general welfare of the citizens of the state.*

**Developing and maintaining state owned land and buildings, except as otherwise provided by law, and cooperating with the Department of Administrative Services in preparing a long-range state capital improvements plan.*

**Performing any regulation of transportation activities required by law which is not within the jurisdiction of another state agency.*

Under the reorganization plan, five Divisions were created within the Department: Project Development, Operations, Administration, Public Works and Transportation, and Aeronautics.

The Department operates under RSAs 228, 229, 237 and 237-A; Chapter 402 of the laws of 1985; and other laws pertaining to highways, bridges, railroads, and aviation.

This document, pursuant to RSA 20:6 and 228:41, provides a brief overview of the Department's activities and financial positions during the 2001 fiscal year.



CAROL A. MURRAY
COMMISSIONER



GILBERT S. ROGERS
ASSISTANT
COMMISSIONER



DIVISION of PUBLIC WORKS & TRANSPORTATION

The Division of Public Works and Transportation is a general-funded component of the Department of Transportation. This Division, through the Bureau of Public Works, is responsible for architectural and engineering design and planning of State-owned facilities other than those of the University System. This includes the planning and design of public works projects and field supervision of construction.

⇒ During the 2001 fiscal year Public Works completed the design and contracted for construction on:

- The \$2.1 million renovation of the state office building at 61 South Spring Street in Concord.
- The \$2.6 million district court building in Jaffrey.
- The \$1.3 million re-roofing of the Main Building at New Hampshire Hospital in Concord.
- Four salt storage buildings for NHDOT maintenance facilities in Exeter, Rochester, Wentworth and Moultonborough.
- Americans With Disabilities Act (ADA) renovations at state armories in Franklin, Lancaster, Littleton, Nashua and Portsmouth.
- A \$500,000 abatement of asbestos and lead-based paint at the Walker Building on the New Hampshire Hospital campus.

The Bureau of Rail and Transit works to preserve and effectively manage railroad corridors, improve rail safety, and support transit services to the public, including the rideshare program and transportation for elderly and disabled citizens.

⇒ During FY 2001 these efforts included:

- Completed the updating of the State Rail Plan.
- Acquiring 13 miles of rail corridor in Ossipee, Tamworth, and Albany to preserve for future rail use.
- Beginning preliminary engineering for an extension of commuter rail from Lowell, MA to Nashua, New Hampshire, including environmental assessment, capital and operations planning, and negotiation of railroad operating agreements.
- Purchasing 10 vehicles for transportation services for elderly and disabled persons, seven vehicles for local transit systems, and nine commuter coaches for service between New Hampshire and Boston.
- Providing financial assistance to rural public transit systems in seven communities, including technical assistance workshops in transportation cost allocation and compliance with drug and alcohol testing regulations. Provided training of employees of transit and other transportation agencies for safe driving, passenger assistance, maintenance and a newly developed course in emergency evacuation.
- Assisting in the planning of projects to improve and expand public transit services in Keene, Concord and the Hanover-Lebanon areas, and to implement a coordinated transit/human services transportation system in the Concord area.
- Providing financial support to the Upper Valley Rideshare program.

DIVISION of OPERATIONS

The Division of Operations is the Department's largest Division. It is responsible for the maintenance of state highways and bridges, and the maintenance and operation of the State's turnpike system. This includes signs, traffic signals, pavement markings, snow removal, pavement resurfacing and staffing of the Department's Welcome Centers. In addition, the Division is responsible for the maintenance of the Department's vehicle and equipment fleet.

The Division comprises five bureaus: Bridge Maintenance, Highway Maintenance, Mechanical Services, Traffic, and Turnpikes. The Bureau of Highway Maintenance comprises six separate highway maintenance districts in the state.

Projects and activities this Division was involved in during the 2001 fiscal year included:

- ⇒ The Bureau of Highway Maintenance paved approximately 387 miles of roadway with asphalt treatments ranging between 3/8" to over 3", depending on the rehabilitation strategy.
 - Experienced a very challenging winter that set a record for salt use. Heavy snows on March 3, 2001 resulted in the collapse of salt sheds in Stoddard and Gonic.
 - Constructed salt sheds in Andover, Walpole, Manchester and Derry.
 - Several Betterment and State Aid Reconstruction projects were completed in the towns of Canterbury, Northfield, Sanbornton and New Hampton.
 - Began a major Betterment project on NH Route 104 in Danbury. This three-mile section of roadway had many vertical curves that restricted sight distance. Two sections were raised to eliminate the annual roadway flooding due to high water from the Smith River.
 - Joined the Bureaus of Bridge Maintenance and Turnpikes in effectively responding and assisting in the repairs of a failed culvert under NH Route 101A in Nashua.
 - In cooperation with Highway Maintenance District 6, the Office of State Planning, and the towns of North Hampton and Hampton, successfully completed a salt-water marsh restoration project.
 - Opened up viewing vistas on NH Route 112 and U.S. 3 through tree clearing or trimming in partnership with the National Forest Service.
 - Completed and moved into new patrol sheds in Exeter and Moultonborough.
 - Emphasized safety and environmental practices for field employees.
 - Continued removal of lead based paint from plows and wings in Maintenance Districts 3, 5 and 6.
 - Applied vinyl siding to several buildings that had lead-based siding and other energy saving improvements.

- ⇒ The Bureau of Turnpikes processed another record year of traffic. A total number of 103,583,561 vehicles passed through the Turnpike Toll System. As a result, revenue grew 2.3% over the previous year to \$61.5 million.
 - Completed the construction of a new Welcome Center at Exit 6 of the Everett Turnpike in Nashua.
 - Replaced approximately 31,300 feet of guardrail on the Central Turnpike.
 - Resurfaced 60 lane miles of highway and rehabilitated two bridges.
 - Contracted for the replacement of major highway guide signs on the Spaulding Turnpike from Dover to Milton.
 - Completed upgrades to high mast lighting systems.
 - Began the process of implementing Electronic Toll Collection (ETC) technology.

DIVISION of OPERATIONS *(continued)*

- ⇒ The Bureau of Traffic continued to upgrade existing road marking equipment. A third "super strip", which paints yellow and white at the same time, was added to the fleet. More than 17,000 lane miles were striped.
- Established a multi-disciplinary Department committee to review existing traffic signal design and maintenance issues and procedures.
 - Adopted the 2000 Manual on Uniform Traffic Control Devices (MUTCD) and the Bureau began efforts to establish a state supplement to the manual.
 - Prepared outreach programs designed for municipalities about issues related to marked crosswalks and pedestrian safety.
 - Participated in Safety Surveillance Team reviews in Nashua, Haverhill, and Hudson.
 - Began an Environmental Management System pilot program.
 - Planned for the replacement of a fourth District sign truck, including adding a lift bucket to continue the Bureau's effort to eliminate the previous work platform.
- ⇒ The Bureau of Mechanical Services purchased some major new machines for the welding shop that have eliminated the need to use a method of cutting steel that produces fumes. The replaced machines were more than 40 years old.
- Continued to upgrade fuel distribution equipment at various satellite locations. The Durham and Hampton sites are receiving a major upgrade, including new tanks and dispensing and monitoring equipment.
 - Purchased "all season dump bodies," and multi-purpose roll-off bodies for crane trucks.
 - Increased the size of the NHDOT alternate fuel vehicle fleet to a total of six.
 - Began upgrading the Compressed Natural Gas (CNG) station. During FY 2001, a total of 2,475 gallons of CNG were pumped.
 - The Fuel Distribution Section "sold" 4.5 million gallons.
- ⇒ The Bureau of Bridge Maintenance completed 173 projects and painted structural steel and/or rail systems on 34 bridges. The completion of bridge rail upgrades included 10 W-Beam and five aluminum rail projects that have enhanced vehicle and pedestrian safety statewide.
- Projects completed by Bridge Maintenance resulted in the removal of 4 bridges from the Red List.
 - Statewide preventive maintenance included the washing of 1,104 bridges, the oiling of 716 bridges and the application of siloxane to 8 new structures. Additionally, 60 bridge decks were crack-sealed in the continuous effort to protect decks from pavement deterioration and salt intrusion.
 - Rehabilitated 8 box culverts in: Columbia (US 3 over Sweatt Brook); Columbia (US 3 over Harvey Brook); Columbia (US 3 over unnamed brook); Franconia (NH 18 over brook); Stoddard (NH 123 over Abbott Brook); Northwood (School Street over Kelsey Brook); and Newington (Newington Road over unnamed brook).
 - Responded to a broken haul cable on the Memorial Bridge over the Piscataqua River in Portsmouth and worked with a private contractor to repair or replace several lift cables .
 - Completed reconstruction of a Town of Tamworth-owned bridge on NH Route 113A.
 - Enhanced painting operations by painting structures in segments as spot paint failures develop. This will prevent the need for structural repairs.

DIVISION of PROJECT DEVELOPMENT

The Division of Project Development plans and designs transportation projects and oversees their construction. It is the second largest Division within the Department with 8 separate bureaus, including Bridge Design, Construction, Environment, Highway Design, Municipal Highways, Right-of-Way, Transportation Planning, and Materials and Research. Projects and activities this Division of NHDOT were involved in during the 2001 fiscal year included:

- ⇒ The Bureau of Highway Design advertised approximately \$100 million in construction contracts. Some of the projects advertised between October 1, 2000 and October 1, 2001 included a major rehabilitation of Interstate 93 in Thornton and Woodstock, 11 pavement rehabilitation projects around New Hampshire, a large slope stabilization project on Route 3A in Bristol, construction of the North-South Local Road in North Conway, as well as a number of guardrail upgrade projects.
 - Thornton-Woodstock consisted of 7 miles of rehabilitation of I-93 and the rehabilitation of 16 bridges. The project also involved ledge removal and drainage improvements.
 - The 11 pavement rehabilitation projects included drainage improvements, ledge removal and guardrail upgrading to modern standards.
 - The Bristol slope stabilization included a realignment of Route 3A and a deep drainage system to collect the ground water and surface runoff that was causing the erosion.
 - The North-South Local Road project involved a 3-mile section of new road construction.
 - Roadside Development continued the statewide Wildflower Establishment Program. Presentations were made to garden clubs, trade associations and civic groups.

- ⇒ The Bureau of Bridge Design prepared contract plans for bridge rehabilitation and replacement projects. These efforts often support and are part of projects advertised through other Bureaus. Bridge inspection efforts for state and municipal bridges continue to monitor the conditions of publicly-owned bridges.
 - Contract plans and documents were prepared for bids for the replacement of 8 bridges, and the rehabilitation of 40 bridges.
 - The number of bridges inspected totalled 1,752.
 - A new steel arch bridge over the Connecticut River between the towns of Chesterfield, NH and Brattleboro, VT was advertised for construction bids in June 2001. This new 425-foot span replicates the adjacent bridge, which will be utilized for pedestrians and will later be rehabilitated. Bridge Design staff designed this \$10.3 million bridge.
 - The Bridge Management System database that tracks the condition, rating, and inspection reports for each bridge is continually updated. Bridge Inspectors utilize laptop computers for entry of inspection data into the Bridge Management System.
 - Development of rehabilitation ideas and maintenance needs for moveable bridges continued.
 - Construction was completed on the Rollins Road bridge over Main Street and the adjacent railroad, in the town of Rollinsford. This bridge utilized New England “bulb-tee” high-performance concrete (HPC) girders and fiber reinforced polymer (FRP) reinforcing in the concrete bridge deck. This bridge is unique in that the concrete deck is reinforced without any steel, thereby eliminating deterioration from road salt corrosion. Members of the Bridge Design staff contributed significantly toward the development, design, and application of both the HPC girders and the FRP deck reinforcement.
 - Assistance was provided to many communities participating in the Municipally-Managed Bridge Program, through the Municipal Highways Bureau, regarding the replacement or rehabilitation of deficient municipally-owned bridges.

DIVISION of PROJECT DEVELOPMENT *(continued)*

- ⇒ The Bureau of Environment processed 125 wetland permit applications and/or permit amendments and prepared 63 environmental documents.
- Archeological recovery operations occurred at project locations in Orford, NH-Fairlee, VT (Route 25A) and Effingham-Freedom (Route 25).
 - Public presentations were made on archeological resources encountered at project locations in Orford, NH-Fairlee, VT (Route 25A), Newfields-Stratham (Route 108) and Holderness (Route 113).
 - Utilized the services of a summer intern to inventory wetland mitigation sites using Global Positioning Systems (GPS) and Geographic Information Systems (GIS).
- ⇒ The Bureau of Municipal Highways coordinated the Block Grant Aid Program involving the distribution of \$25 million to municipalities. These funds are used by communities for construction, reconstruction, and maintenance of Class IV and Class V highways.
- The State Aid for Class I, II, and III Highways Program had 25 projects under construction. Expenditures for the year totalled \$1.9 million.
 - The Bureau coordinated bridge projects involving municipally-owned structures financed with Federal or State Bridge Aid Funds. In FY 2001, a total of 21 projects were either completed, under construction or in the design phase.
 - Municipal Highways coordinated the Local Technical Assistance Program. Run by the Civil Engineering Department at the University of New Hampshire, this program provides a wide spectrum of highway information and training to cities and towns on such topics as highway and bridge maintenance procedures, road condition analysis and management systems programs.
 - The Municipal Highways Bureau also coordinated the Transportation Enhancement (TE) and Congestion Mitigation and Air Quality (CMAQ) Program for projects managed by the sponsoring agency.
- ⇒ The Bureau of Construction is responsible for contract administration, audit documentation and quality control of all transportation construction contracts. The Bureau also staffs statewide area coordinators of landscaping, environmental protection and quality assurance.
- Major highway and bridge construction work in FY 2001 involved the widening of Route 101/51 from Epping to Hampton, continuing work on the Hillsborough by-pass on relocated Route 9, the North-South Local Road in Conway, the Welcome Center at Exit 6 in Nashua, rehabilitation of I-89 roadway and bridges in Sunapee-Grantham and I-93 roadway and bridges in Thornton-Woodstock.
 - The Bureau administered 70 contracts in FY 2001 involving over \$129 million dollars and 52 prime contractors. Sixty-one carryover contracts from previous years were accepted for maintenance and 74 contracts totaling \$143 million dollars were audited for final payments. Site work was underway on approximately 100 contracts.
 - Contract oversight for congestion and wetland mitigation work, transportation enhancement projects, landscaping, statewide wildflowers, guardrail upgrades, park and ride facilities, sidewalk and bikeway projects, roadway and/or bridge rehabilitation or replacements at both the state and municipal levels was provided by the Bureau's 83 field representatives.

DIVISION of PROJECT DEVELOPMENT *(continued)*

- ⇒ The Bureau of Transportation Planning worked with the Regional Planning Agencies to perform six transportation studies involving land use, traffic impact and access management.
- The Tri-State Rural Advanced Traveler Information System has deployed two modules (FORETELL and CARS) which provide real time weather and highway condition information. These modules are currently being tested.
 - The mapping section of Transportation Planning published more than 5,400 maps for various projects and customers.
 - Hosted the Third Annual Bicycle/Pedestrian Conference and the first Tri-State Transportation Safety Conference.
 - Developed a regional bicycle routes maps.
 - Continued the distribution of laptop computers to local police departments across the state to improve the accuracy of crash records. Began distributing GIS software (ArcView 3.2) to local police departments to support the crash location. Assisted in locating crashes, which were nearly 60% precisely locatable for 2000.
 - Finalized a \$250,000 statewide bicycle and pedestrian facility planning and design services contract.
 - Contracted with Regional Planning Agencies for road inventory data collection and planning efforts. Through the contracts, Regional Planning Agencies collect and maintain road inventory data on all town-owned roads.
 - In cooperation with other state agencies, developed land use/transportation recommendations for Route 2 Corridor. In addition, developed land use and access management techniques for statewide applications.
 - Assisted Concord's 20/20 visioning process, the Route 101A Corridor Study, the Route 202 Phase I Study, the U.S. 3 & 4 Corridor Study, and the Route 11 Access Management Study.
 - Produced a guide to Federal Aid funding.
 - Finalized a contract with consultant to collect physical feature inventory on all state highways.
 - Installed the New England Traffic Monitoring System, a system that uses uniform standards for traffic data collection, processing and data sharing between the six New England States.
- ⇒ The Materials & Research Bureau is implementing a Laboratory Information Management System (LIMS), which will provide for long term storage of material test data, electronic generation of reports, graphical representation of material variability and trends, sample tracking, and functionality to allow information sharing. It will also track personnel training and evaluation, and equipment calibration.
- Developed a GIS (Geographical Information System) to house the Rock Cut Inventory Program. A global positioning system, a laser profiler and a Brunton compass are being used to collect positional data, two-dimensional profiles and structural data for every rock cut within the state. Linked to the GIS is an Access database, which houses all the rock cut condition and assessment reports that have been collected over time.
- ⇒ The Bureau of Right-of-Way processed approximately 1800 abstracts, completed over 280 appraisals, sold or leased over 120 properties, relocated 38 displacees and purchased approximately 300 properties at a value of \$12,500,000.

DIVISION of ADMINISTRATION

The Division of Administration is responsible for all administrative activities of the Department. Accounting, purchasing, budgeting, contracts, grants management, data processing, and a variety of other Department activities are managed by this Division.

Administration comprises two bureaus: Finance and Contracts and Information Technology Services. Projects and activities during the 2001 fiscal year included:

- ⇒ The Bureau of Information Technology Services (ITS) has continued the development and improvement of Internet/Intranet and eGovernment applications. As a result of improvements in the website (www.nhdot.com) a wide range of information is now available in the areas of travel, media, business, and public interest.
- Transitioning to a new CAD/D software package. This is critical because much of today's transportation network is designed electronically. The NHDOT has purchased 37 new NT CAD/D workstations, a server for centralized data storage, a monochrome scanner and a replacement monochrome electrostatic plotter, and aging work stations and plotters have been phased out or replaced. This transition will result in overall process improvement, an orderly transfer of engineering tasks, and also allows for a utilization of design and drafting software in the field offices.
 - A computerized New England Traffic Monitoring system has been implemented through a cooperative effort of all states. This project has resulted in standardized reporting, information sharing, data analysis and improved efficiencies of all New England states.
 - Assisted the Bureau of Materials & Research in implementing a Laboratory Information Management System to manage the collection and testing of approximately 100,000 annual material samples.
 - Developed software to automate bid estimates that will be utilized by engineers in the preparation of transportation project estimates.
- ⇒ The Bureaus of Administration & Contracts and Budget & Finance were merged into the Bureau of Finance & Contracts. The result is cost savings and increased efficiencies.

DIVISION of AERONAUTICS

The Division of Aeronautics works with aviation agencies at the Federal, State and local levels to preserve and promote a system of airports necessary to guarantee the future of air transportation in New Hampshire.

The Division acted to ensure the safety of flight by inspecting airports, maintaining a system of electronic air navigational aids and assisting in the investigations of aircraft accidents.

Highlights of the 2001 fiscal year included:

- ➔ The construction of a regional Aircraft Rescue and Fire Fighting (ARFF) training facility in Concord.
- ➔ Conducting an airport system plan update and regional economic analysis.
- ➔ Federal Airport Improvement Projects (AIP) were done at the following airports: Pease, Lebanon, Skyhaven (Rochester), Mt. Washington Regional, Boire Field (Nashua), Concord, Laconia, Dillant-Hopkins (Keene) and the continued extensive growth at Manchester.
- ➔ State funds (50/50 Program) were granted to the following airports: Moultonborough for pavement repair, Dean Memorial (Haverhill) for aircraft ramp improvements and Parlin Field (Newport) for the construction of an administration and operations building.
- ➔ Management and day-to-day operational responsibilities for the state-owned Skyhaven Airport in Rochester. Completion of a Skyhaven Airport master plan update.
- ➔ Continuation of the statewide airport pavement maintenance program. Pavement repair was performed at Dillant-Hopkins (Keene), Concord and Skyhaven Airports.
- ➔ State grants (Grants to Airport Sponsors) and aircraft operating fees were distributed to the sponsors of every public use airport for maintenance and safety projects.
- ➔ Airport safety inspections were conducted at public use airports.

In addition, the Division of Aeronautics collected fees for the registration of aircraft, airmen and commercial operations.

RECEIPTS AND EXPENDITURES*
FOR FISCAL YEAR ENDING JUNE 30, 2001

RECEIPTS

State Gasoline Tax	\$119,795,000
State Gasoline Tax (88% of 3¢ dedicated to Betterments - highway and bridge improvements)	20,309,179
Federal Funds	141,925,081
Motor Vehicle Fees	72,066,000
Toll Receipts	62,221,724
Other**	<u>76,793,079</u>
TOTAL	\$493,110,063

EXPENDITURES

Permanent Personnel Service	\$51,303,829
Overtime	7,082,716
Current Expenses	18,616,433
Equipment	4,724,043
Special Appropriations (Capital expenditures)	246,944,606
Debt Service	36,181,728
Benefits	18,699,786
Block Grant Aid	25,012,047
Other Personnel Services (temporary employees)	4,292,608
Betterments	20,481,031
Travel In-state	676,133
Travel Out-of-state	44,800
Other State Agencies (transfers from Highway Funds)	<u>52,331,892</u>
TOTAL	\$486,391,652

ALTERNATE EXPENDITURES STATEMENT

Administration	\$15,889,822
Engineering	22,740,563
Highway Garage	12,710,042
Maintenance	83,669,525
Community Assistance	25,012,047
Debt Service	36,181,728
Construction & Reconstruction	218,670,254
Legislative Specials	19,185,779
Other State Agencies	<u>52,331,892</u>
TOTAL	\$486,391,652

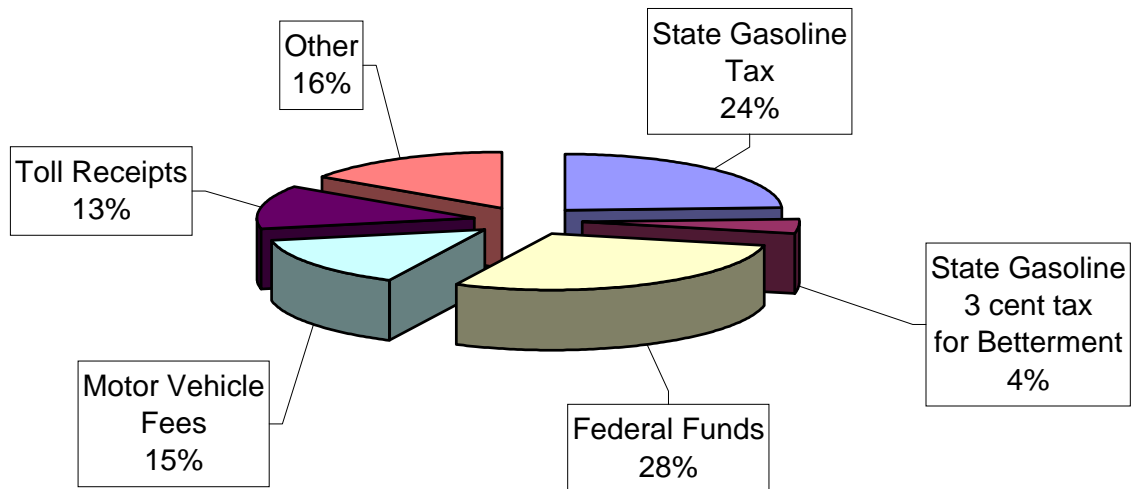
**unaudited*

***includes monies from the following sources:*

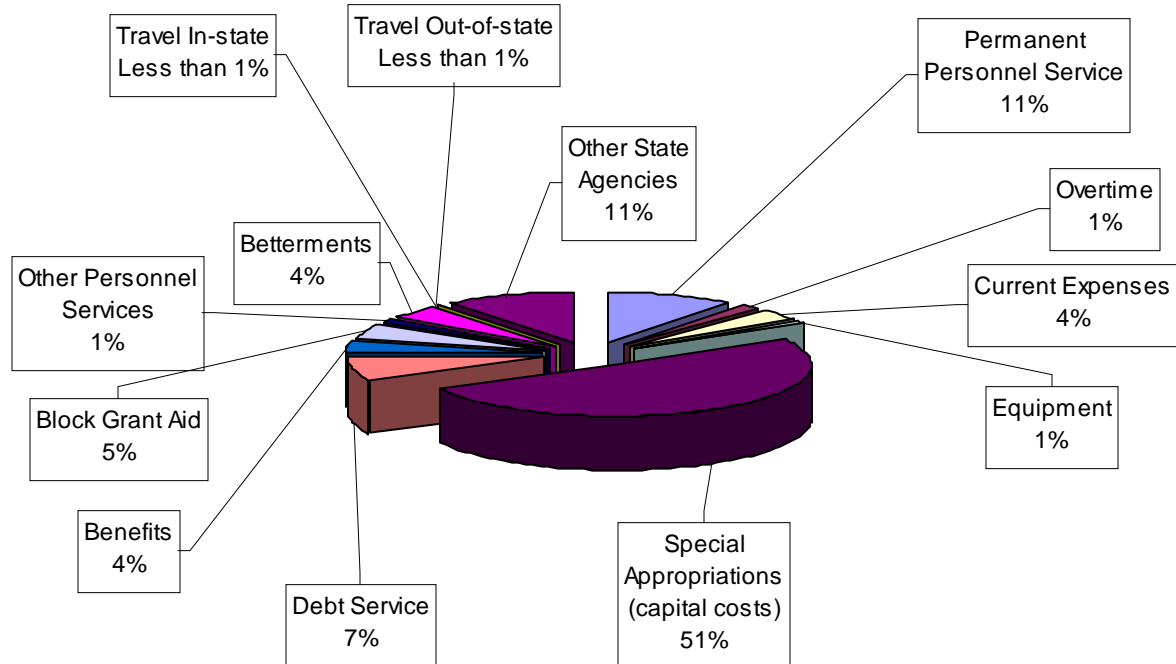
Highway Surplus	\$10,640,000
Turnpike Bond Proceeds for Capital or Construction Programs	11,096,978
Accounts Receivable	9,875,000
Department of Transportation Revenue	8,872,000
Turnpike Interest	4,449,796
Billing to Cities and Towns for Projects Received	10,641,000
Mechanical Services Fuel Reporting Funds	19,753,305
Advanced Construction	<u>1,415,000</u>
TOTAL	\$76,793,079

NFW HAMPSHIRE DEPARTMENT OF TRANSPORTATION

RECEIPTS - Fiscal Year 2001

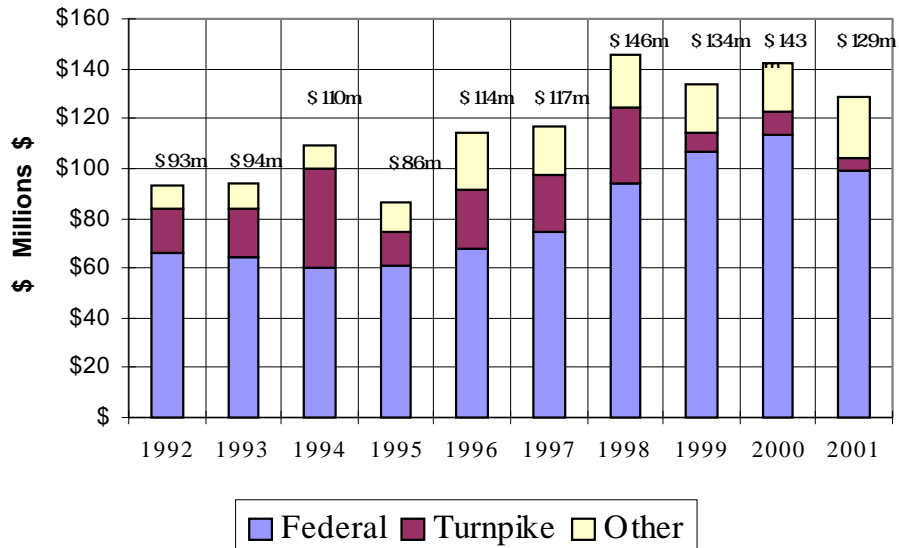


EXPENDITURES - Fiscal Year 2001



CONSTRUCTION PROJECT EXPENDITURES

Advertised in Federal Fiscal Years (October 1 to September 30)



PHYSICAL PLANT AND PROPERTY AS OF JUNE 30, 2001

<i>ITEM</i>	<i>HIGHWAY</i>	<i>RAIL & TRANSIT</i>	<i>AERONAUTICS</i>	<i>TURNPIKES</i>
<i>EQUIPMENT</i>	\$38,722,053	\$110,550	\$729,315	\$14,391,829
<i>PHYSICAL</i>	\$23,046,887	\$197,941	\$1,132,021	\$5,519,240
<i>LAND</i>	\$43,204,783	---	\$271,700	\$89,086,317
<i>HIGHWAYS, RAIL AND TRANSIT</i>	\$11,217,464,254	\$19,090,899	---	\$478,046,302
<i>TOTALS</i>	\$11,322,437,977	\$19,399,340	\$2,133,036	\$587,043,688

LEGISLATION

Laws of 2001

<u>Chapters</u>	<u>Bill #</u>	
<u>0014</u>	HB125	An act naming New Hampshire route 12-A from West Lebanon to the Cornish-Windsor Bridge the Maxfield Parrish Highway.
<u>0016</u>	HB254	An act naming a bridge located on route 12A also known as River Road in the town of Charlestown after Brigadier General Ernest A. Bixby.
<u>0036</u>	HB369	An act requiring drivers to obey flagpersons in highway construction or maintenance areas and utility work areas.
<u>0114</u>	HB413	Relative to ownership of rail properties.
<u>0129</u>	HJR5	Encouraging the use of renewable energy systems in new or rehabilitated state buildings.
<u>0153</u>	SB134	Establishing a committee to study allowing the use of business logo signing on the mainline of limited access and divided highways.
<u>0157</u>	SB190	Dedicating the I-93 causeway at Moore Dam , the Cottage Street Bridge in Littleton, and the Smith Bridge in Plymouth.
<u>0200</u>	HB653	Relative to certain signs within highway rights-of-way.
<u>0202</u>	HB25	An act making appropriations for capital improvements.
<u>0234</u>	HB320	Relative to leasing certain portions of railroad properties and relative to the definition and taxation of amusement railroads.
<u>0271</u>	HB258	Establishing a task force to conduct an ongoing study of the feasibility of re-establishing the Lawrence, Massachusetts to Manchester, New Hampshire rail service line and the Concord to Lebanon northern passenger rail service line.

PERSONNEL DATA

<u>Number of Employees</u>	<u>6/30/00</u>	<u>6/30/01</u>
1. Unclassified	7	7
2. Classified	1914	1913
3. Temporary	500	550
TOTAL	2421	2470

HIGHWAY BLOCK GRANT AID

FOR FISCAL YEAR ENDING JUNE 30, 2001

FORMULA A: Highway Block Grant Aid is 12 percent of the total road toll revenue and motor vehicle fees collected for the previous fiscal year. It is distributed to each municipality based on its Class IV and V highway mileage and its population in relation to the entire state.

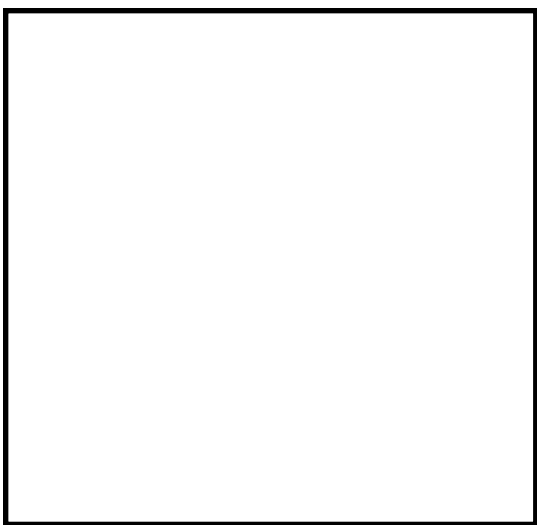
FORMULA B: These funds are allocated from an annual apportionment of \$400,000. The amount available to towns is based on a formula using equalized valuation and Class V mileage that gives the greatest benefit to low valuation towns with high road mileage.

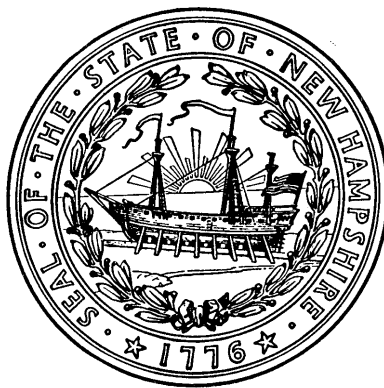
<u>Town</u>	<u>Block A</u>	<u>Block B</u>	<u>Total</u>	<u>Town</u>	<u>Block A</u>	<u>Block B</u>	<u>Total</u>
ACWORTH	\$ 61,557.23	\$41,799.96	\$ 103,357.19	DOVER	\$ 409,489.02		\$ 409,489.02
ALBANY	\$ 27,674.12		\$ 27,674.12	DUBLIN	\$ 61,452.47		\$ 61,452.47
ALEXANDRIA	\$ 62,620.94		\$ 62,620.94	DUMMER	\$ 13,972.39	\$ 2,667.01	\$ 16,639.40
ALLENSTOWN	\$ 72,901.28		\$ 72,901.28	DUNBARTON	\$ 61,423.85		\$ 61,423.85
ALSTEAD	\$ 69,539.91		\$ 69,539.91	DURHAM	\$ 201,563.27		\$ 201,563.27
ALTON	\$ 123,252.17		\$ 123,252.17	EAST KINGSTON	\$ 29,597.58		\$ 29,597.58
AMHERST	\$ 237,683.82		\$ 237,683.82	EASTON	\$ 6,491.25		\$ 6,491.25
ANDOVER	\$ 75,144.77		\$ 75,144.77	EATON	\$ 29,430.40		\$ 29,430.40
ANTRIM	\$ 71,921.43		\$ 71,921.43	EFFINGHAM	\$ 56,057.21	\$ 2,015.87	\$ 58,073.08
ASHLAND	\$ 41,875.62		\$ 41,875.62	ELLSWORTH	\$ 4,149.57		\$ 4,149.57
ATKINSON	\$ 103,538.17		\$ 103,538.17	ENFIELD	\$ 103,703.30		\$ 103,703.30
AUBURN	\$ 102,306.15		\$ 102,306.15	EPPING	\$ 115,763.12		\$ 115,763.12
BARNSTEAD	\$ 122,093.88		\$ 122,093.88	EPSOM	\$ 90,958.70		\$ 90,958.70
BARRINGTON	\$ 138,460.40		\$ 138,460.40	ERROL	\$ 4,427.74		\$ 4,427.74
BARTLETT	\$ 76,145.63		\$ 76,145.63	EXETER	\$ 207,007.90		\$ 207,007.90
BATH	\$ 54,786.69	\$16,718.85	\$ 71,505.54	FARMINGTON	\$ 118,986.64		\$ 118,986.64
BEDFORD	\$ 329,441.87		\$ 329,441.87	FITZWILLIAM	\$ 76,997.14		\$ 76,997.14
BELMONT	\$ 137,431.49		\$ 137,431.49	FRANCESTOWN	\$ 71,942.09		\$ 71,942.09
BENNINGTON	\$ 31,580.46		\$ 31,580.46	FRANCONIA	\$ 38,388.08		\$ 38,388.08
BENTON	\$ 10,384.35		\$ 10,384.35	FRANKLIN	\$ 153,341.71		\$ 153,341.71
BERLIN	\$ 192,301.88		\$ 192,301.88	FREEDOM	\$ 58,364.78		\$ 58,364.78
BETHLEHEM	\$ 76,927.93		\$ 76,927.93	FREMONT	\$ 59,481.30		\$ 59,481.30
BOSCAWEN	\$ 62,192.99		\$ 62,192.99	GILFORD	\$ 157,279.38		\$ 157,279.38
BOW	\$ 153,207.02		\$ 153,207.02	GILMANTON	\$ 105,857.83		\$ 105,857.83
BRADFORD	\$ 67,132.71	\$ 1,083.14	\$ 68,215.85	GILSUM	\$ 25,300.38		\$ 25,300.38
BRENTWOOD	\$ 59,835.47		\$ 59,835.47	GOFFSTOWN	\$ 291,777.86		\$ 291,777.86
BRIDGEWATER	\$ 35,239.29		\$ 35,239.29	GORHAM	\$ 50,691.02		\$ 50,691.02
BRISTOL	\$ 63,748.12		\$ 63,748.12	GOSHEN	\$ 24,285.94		\$ 24,285.94
BROOKFIELD	\$ 19,755.10		\$ 19,755.10	GRAFTON	\$ 68,605.20	\$41,681.82	\$110,287.02
BROOKLINE	\$ 80,434.38		\$ 80,434.38	GRANTHAM	\$ 36,769.71		\$ 36,769.71
CAMPTON	\$ 80,094.88		\$ 80,094.88	GREENFIELD	\$ 55,029.36		\$ 55,029.36
CANAAN	\$ 118,933.47		\$ 118,933.47	GREENLAND	\$ 52,793.92		\$ 52,793.92
CANDIA	\$ 84,560.80		\$ 84,560.80	GREENVILLE	\$ 35,516.32		\$ 35,516.32
CANTERBURY	\$ 65,923.31		\$ 65,923.31	GROTON	\$ 18,129.97		\$ 18,129.97
CARROLL	\$ 16,496.94		\$ 16,496.94	HAMPSTEAD	\$ 134,623.75		\$ 134,623.75
CENTER HARBOR	\$ 26,354.23		\$ 26,354.23	HAMPTON	\$ 211,595.36		\$ 211,595.36
CHARLESTOWN	\$ 117,171.50		\$ 117,171.50	HAMPTON FALLS	\$ 37,587.60		\$ 37,587.60
CHATHAM	\$ 12,884.29		\$ 12,884.29	HANCOCK	\$ 72,344.62		\$ 72,344.62
CHESTER	\$ 71,202.48		\$ 71,202.48	HANOVER	\$ 204,570.55		\$ 204,570.55
CHESTERFIELD	\$ 108,039.89		\$ 108,039.89	HARRISVILLE	\$ 43,983.73		\$ 43,983.73
CHICHESTER	\$ 62,119.29		\$ 62,119.29	HARTS LOCATION	\$ 719.58		\$ 719.58
CLAREMONT	\$ 257,068.41		\$ 257,068.41	HAVERHILL	\$ 129,592.42		\$ 129,592.42
CLARKSVILLE	\$ 15,880.61	\$ 2,927.96	\$ 18,808.57	HEBRON	\$ 16,590.64		\$ 16,590.64
COLEBROOK	\$ 77,935.56		\$ 77,935.56	HENNIKER	\$ 125,860.26		\$ 125,860.26
COLUMBIA	\$ 29,611.47	\$ 3,582.97	\$ 33,194.44	HILL	\$ 41,877.26	\$1,162.02	\$ 43,039.28
CONCORD	\$ 619,671.45		\$ 619,671.45	HILLSBOROUGH	\$ 118,239.78		\$ 118,239.78
CONWAY	\$ 180,577.53		\$ 180,577.53	HINSDALE	\$ 74,971.30		\$ 74,971.30
CORNISH	\$ 76,686.68	\$12,080.50	\$ 88,767.18	HOLDERNESS	\$ 51,967.52		\$ 51,967.52
CROYDON	\$ 29,525.17		\$ 29,525.17	HOLLIS	\$ 157,912.75		\$ 157,912.75
DALTON	\$ 46,877.63	\$15,755.52	\$ 62,633.15	HOOKSETT	\$ 151,255.14		\$ 151,255.14
DANBURY	\$ 66,609.48	\$38,812.37	\$ 105,421.85	HOPKINTON	\$ 139,807.70		\$ 139,807.70
DANVILLE	\$ 60,535.50		\$ 60,535.50	HUDSON	\$ 367,177.58		\$ 367,177.58
DEERFIELD	\$ 97,113.46		\$ 97,113.46	JACKSON	\$ 32,112.28		\$ 32,112.28
DEERING	\$ 71,318.20	\$14,846.57	\$ 86,164.77	JAFFREY	\$ 124,175.47		\$ 124,175.47
DERRY	\$ 488,820.98		\$ 488,820.98	JEFFERSON	\$ 34,705.66		\$ 34,705.66
DORCHESTER	\$ 20,739.99	\$ 6,897.19	\$ 27,637.18	KEENE	\$ 378,075.80		\$ 378,075.80

HIGHWAY BLOCK GRANT AID

FOR FISCAL YEAR ENDING JUNE 30, 2001

<u>Town</u>	<u>Block A</u>	<u>Block B</u>	<u>Total</u>	<u>Town</u>	<u>Block A</u>	<u>Block B</u>	<u>Total</u>
KENSINGTON	\$ 36,840.01		\$ 36,840.01	RINDGE	\$ 123,627.67		\$ 123,627.67
KINGSTON	\$ 119,110.15		\$ 119,110.15	ROCHESTER	\$ 441,817.44		\$ 441,817.44
LACONIA	\$ 267,076.85		\$ 267,076.85	ROLLINSFORD	\$ 46,583.59		\$ 46,583.59
LANCASTER	\$ 82,048.91		\$ 82,048.91	ROXBURY	\$ 17,280.00	\$9,721.27	\$ 27,001.27
LANDAFF	\$ 23,039.10	\$13,046.37	\$ 36,085.47	RUMNEY	\$ 40,058.94		\$ 40,058.94
LANGDON	\$ 32,902.85	\$ 9,429.06	\$ 42,331.91	RYE	\$ 96,069.52		\$ 96,069.52
LEBANON	\$ 233,364.25		\$ 233,364.25	SALEM	\$ 451,623.07		\$ 451,623.07
LEE	\$ 82,146.22		\$ 82,146.22	SALISBURY	\$ 49,623.13		\$ 49,623.13
LEMPSTER	\$ 49,152.22	\$11,959.24	\$ 61,111.46	SANBORNTON	\$ 88,510.87		\$ 88,510.87
LINCOLN	\$ 22,845.69		\$ 22,845.69	SANDOWN	\$ 90,888.66		\$ 90,888.66
LISBON	\$ 62,452.88	\$ 5,680.07	\$ 68,132.95	SANDWICH	\$ 85,105.36		\$ 85,105.36
LITCHFIELD	\$ 128,443.86		\$ 128,443.86	SEABROOK	\$ 103,817.34		\$ 103,817.34
LITTLETON	\$ 133,758.09		\$ 133,758.09	SHARON	\$ 15,704.87		\$ 15,704.87
LONDONDERRY	\$ 399,394.57		\$ 399,394.57	SHELBURNE	\$ 11,293.23		\$ 11,293.23
LOUDON	\$ 120,210.17		\$ 120,210.17	SOMERSWORTH	\$ 173,130.91		\$ 173,130.91
LYMAN	\$ 37,681.11	\$30,029.72	\$ 67,710.83	SOUTH HAMPTON	\$ 17,941.02		\$ 17,941.02
LYME	\$ 75,227.58		\$ 75,227.58	SPRINGFIELD	\$ 43,494.03		\$ 43,494.03
LYNDEBOROUGH	\$ 67,339.56	\$ 2,508.54	\$ 69,848.10	STARK	\$ 32,404.40	\$23,005.90	\$ 55,410.30
MADBURY	\$ 37,048.11		\$ 37,048.11	STEWARTSTOWN	\$ 49,924.03	\$21,848.04	\$ 71,772.68
MADISON	\$ 73,158.68		\$ 73,158.68	STODDARD	\$ 25,125.67		\$ 25,195.67
MANCHESTER	\$ 1,509,083.82		\$1,509,083.82	STRAFFORD	\$ 90,026.05		\$ 90,026.05
MARLBOROUGH	\$ 56,801.13		\$ 56,801.13	STRATFORD	\$ 21,073.85		\$ 21,073.85
MARLOW	\$ 33,667.41	\$10,198.43	\$ 43,865.84	STRATHAM	\$ 97,194.51		\$ 97,194.51
MASON	\$ 56,768.50		\$ 56,768.50	SUGAR HILL	\$ 38,442.73		\$ 38,442.73
MEREDITH	\$ 150,426.94		\$ 150,426.94	SULLIVAN	\$ 28,435.20	\$ 7,637.90	\$ 36,073.10
MERRIMACK	\$ 393,904.53		\$ 393,904.53	SUNAPEE	\$ 85,368.87		\$ 85,368.87
MIDDLETON	\$ 41,149.81		\$ 41,149.81	SURRY	\$ 19,329.70		\$ 19,329.70
MILAN	\$ 31,325.37		\$ 31,325.37	SUTTON	\$ 85,827.82	\$ 5,414.77	\$ 91,242.59
MILFORD	\$ 216,011.29		\$ 216,011.29	SWANZEY	\$ 136,441.47		\$ 136,441.47
MILTON	\$ 91,899.65		\$ 91,899.65	TAMWORTH	\$ 87,277.08		\$ 87,277.08
MONROE	\$ 24,899.87		\$ 24,899.87	TEMPLE	\$ 53,146.02	\$ 6,577.99	\$ 59,724.01
MONT VERNON	\$ 62,882.25		\$ 62,882.25	THORNTON	\$ 65,736.95		\$ 65,736.95
MOULTONBOROUGH	\$ 93,843.97		\$ 93,843.97	TILTON	\$ 45,328.87		\$ 45,328.87
NASHUA	\$ 1,183,819.36		\$1,183,819.36	TROY	\$ 42,036.39		\$ 42,036.39
NELSON	\$ 31,929.03		\$ 31,929.03	TUFTONBORO	\$ 57,013.71		\$ 57,013.71
NEW BOSTON	\$ 131,242.17		\$ 131,242.17	UNITY	\$ 63,541.15	\$23,180.10	\$ 86,721.25
NEW CASTLE	\$ 12,593.91		\$ 12,593.91	WAKEFIELD	\$ 85,331.79		\$ 85,331.79
NEW DURHAM	\$ 81,673.36		\$ 81,673.36	WALPOLE	\$ 103,740.37		\$ 103,740.37
NEW HAMPTON	\$ 75,493.66		\$ 75,493.66	WARNER	\$ 96,073.07		\$ 96,073.07
NEW IPSWICH	\$ 99,985.47		\$ 99,985.47	WARREN	\$ 29,172.06		\$ 29,172.06
NEW LONDON	\$ 95,326.49		\$ 95,326.49	WASHINGTON	\$ 42,032.41		\$ 42,032.41
NEWBURY	\$ 79,224.76		\$ 79,224.76	WATERVILLE			
NEWFIELDS	\$ 23,808.83		\$ 23,808.83	VALLEY	\$ 6,704.76		\$ 6,704.76
NEWINGTON	\$ 19,001.07		\$ 19,001.07	WEARE	\$ 179,801.37		\$ 178,801.37
NEWMARKET	\$ 120,106.64		\$ 120,106.64	WEBSTER	\$ 51,109.40		\$ 51,109.40
NEWPORT	\$ 138,547.17		\$ 138,547.17	WENTWORTH	\$ 41,623.44	\$ 7,171.92	\$ 48,795.36
NEWTON	\$ 64,065.66		\$ 64,065.66	WESTMORELAND	\$ 62,438.93		\$ 62,438.93
NORTH HAMPTON	\$ 64,972.26		\$ 64,972.26	WHITEFIELD	\$ 56,224.56		\$ 56,224.56
NORTHFIELD	\$ 89,208.91		\$ 89,208.91	WILMOT	\$ 59,297.76	\$ 5,582.91	\$ 64,880.67
NORTHUMBERLAND	\$ 43,694.06		\$ 43,694.06	WILTON	\$ 93,638.01		\$ 93,638.01
NORTHWOOD	\$ 66,673.80		\$ 66,673.80	WINCHESTER	\$ 105,516.88		\$ 105,516.88
NOTTINGHAM	\$ 88,187.71		\$ 88,187.71	WINDHAM	\$ 182,273.82		\$ 182,273.82
ORANGE	\$ 16,318.59	\$4,976.02	\$ 21,294.61	WINDSOR	\$ 2,398.43		\$ 2,398.43
ORFORD	\$ 47,366.78		\$ 47,366.78	WOLFEBORO	\$ 122,057.89		\$ 122,057.89
OSSIPEE	\$ 120,953.88		\$ 120,953.88	WOODSTOCK	\$ 21,238.48		\$ 21,238.48
PELHAM	\$ 206,264.13		\$ 206,264.13	GRAND TOTAL	\$24,612,047.00	\$400,000.00	\$25,012,047.00
PEMBROKE	\$ 119,816.79		\$ 119,816.79				
PETERBOROUGH	\$ 137,206.91		\$ 137,206.91				
PIERMONT	\$ 27,358.04		\$ 27,358.04				
PITTSBURG	\$ 48,818.27		\$ 48,818.27				
PITTSFIELD	\$ 87,984.84		\$ 87,984.84				
PLAINFIELD	\$ 92,804.86		\$ 92,804.86				
PLAISTOW	\$ 120,322.11		\$ 120,322.11				
PLYMOUTH	\$ 111,299.51		\$ 111,299.51				
PORTSMOUTH	\$ 334,433.56		\$ 334,433.56				
RANDOLPH	\$ 12,073.45		\$ 12,073.45				
RAYMOND	\$ 165,325.28		\$ 165,325.28				
RICHMOND	\$ 39,610.36		\$ 39,610.36				





**This report was produced by the New Hampshire Department of Transportation pursuant to RSA 20:6 & 228:41.
Six hundred copies of this report were printed in the Department's print shop.**